STREPTOCOCCUS LATEX GROUP KIT

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STATENS SERUM INSTITUT
PREVENTS AND CONTROLS INFECTIOUS DISEASES, BIOLOGICAL THREATS AND CONGENITAL DISORDERS
Description
The Streptococcus Latex Group kit is a rapid latex agglutination test for serotyping of streptococci (Lancefield groups A, B, C, D, F and G) using chemical extraction of group specific antigens with nitrous acid extraction reagents. The kit contains reagents for approximately 75 tests.

Background
Streptococci are characterized by the Lancefield groups e.g. A, B, C, D, F and G. Hemolytic streptococci (Group A, B, C, D, F and G) can cause streptococcal infections like pharyngitis (Group A) or meningitis in newborns (Group B), but also infections like impetigo, urinary tract infections, pneumonia, necrotizing fasciitis, and Streptococcal bacteremia. Group D streptococci are most often associated with bacteremia with or without endocarditis; but are also known to cause infections like urinary tract infections, meningitis, neonatal sepsis and septic arthritis among others. Proper diagnosis of streptococcal infections requires microbiological verification including serological identification of serogroups besides interpreting clinical symptoms.

Kit content
The Streptococcus Latex Group kit consists of:
• Six vials (A, B, C, D, F and G) containing latex particles coated with streptococcal group antiserum raised in rabbits (0.0975 % sodium azide as preservation). Cross-reactions in the antisera have been removed by absorption.
• Extraction reagent 1: two vials containing 2 mL each of sodium nitrite solution
• Extraction reagent 2: two vials containing 2 mL each of an acid solution
• Neutralising reagent 3: two vials containing 2 mL each of a neutralizing solution
• Reaction cards for latex agglutinations.

Available Products

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>Product</th>
<th>Number of tests</th>
<th>Packing</th>
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</thead>
<tbody>
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<td>Streptococcus Latex group kit</td>
<td>6 x 75</td>
<td>1 box</td>
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<td>Strep-B-Latex kit incl. 10 types (Ia-IX)</td>
<td>10 x 75</td>
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<tr>
<td>73258</td>
<td>Latex group A</td>
<td>75</td>
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<tr>
<td>73259</td>
<td>Latex group B</td>
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<tr>
<td>73260</td>
<td>Latex group C</td>
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<tr>
<td>73261</td>
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<td>Latex group F</td>
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<tr>
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<td>Latex group G</td>
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<td>Latex group L</td>
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<tr>
<td>86256</td>
<td>Extraction reagent 2</td>
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<td>86257</td>
<td>Neutralising reagent 3</td>
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<td>2 mL</td>
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<td>53285</td>
<td>Reaction cards for latex agglutination</td>
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<td>1 box</td>
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</table>

Storage and shelf life
Store at 2 - 8°C in a dark place. Expiry date is printed on the package.

References

Information and ordering
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